CLAIMS

1. A biochip comprising a large number of spots based on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain information on a structure of said specimen, wherein:

a plurality of said spots, which have different spot sizes, are formed on said base plate.

2. A biochip according to claim 1, comprising a large number of spots based on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain information on a structure of said specimen, wherein:

a plurality of said spots, which have different spot sizes on said base plate respectively, are formed for captures of an identical type.

3. A biochip comprising a large number of spots based on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain

information on a structure of said specimen, wherein:

a plurality of said spots are formed, in which an amount of a capture per unit area immobilized in each of said spots differs.

4. A biochip according to claim 3, comprising a large number of spots based on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain information on a structure of said specimen, wherein:

a plurality of said spots, which have different amounts of said capture per unit area immobilized on said base plate respectively, are formed for captures of an identical type.

5. A biochip comprising a large number of spots based on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain information on a structure of said specimen, wherein:

said spots, which are composed of different types of said captures, are formed at an identical spot formation position.

6. A biochip comprising a large number of spots based

on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain information on a structure of said specimen, wherein:

each of said spots has a shape of a substantially circular configuration, and a ratio between a major axis and a minor axis of said substantially circular configuration is not less than 0.9 and not more than 1.1.

7. A biochip according to claim 6, comprising a large number of spots based on capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which specifically reacts with a specimen and each of which is used to obtain information on a structure of said specimen, wherein:

said spots are arranged at least in a zigzag configuration, and a ratio of an area in which said spot is not deposited with respect to an inspection effective area on said base plate is not more than 9 %.

8. A biochip according to claim any one of claims 1 to 7, wherein said spots based on said sample solution are formed by means of an ink-jet system.